Thereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filling system in accordance with \$1.6(a)(4).

Dated: June 17, 2008

Electronic Signature for Joel E. Lehrer: /Joel E. Lehrer/

PATENT Attorney Docket No. GEN-001 (120343/165397)

OK TO ENTER: /KP/ 06/26/2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Chandra et al CONF. NO.: 5207

SERIAL NO.: 10/644,582 ART UNIT: 2166

FILING DATE: August 20, 2003 EXAMINER: Pham, Khanh B.

TITLE: System, Method and Apparatus for Assembling and Mining Life

Science Data

Mail Stop - AF Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

This paper is being submitted in response to the Final Office Action mailed from the U.S. Patent and Trademark Office on May 10, 2007, in connection with the patent application identified above and concurrently with an Appeal Brief. Applicants believe that a two-month extension-of-time is required for this Amendment to be entered and considered, and have enclosed the appropriate fee. If, however, an additional extension is necessary, please consider this a conditional petition for the proper extension, and a conditional authorization to charge any related extension fees or other fees necessary for entry of this paper to Deposit Account No. 07-1700. Please make the following amendments, without prejudice, and consider the following remarks.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.